

Product Datasheet

Quinupristin-Dalfopristin Complex (mesylate) (orb1983762)

Catalog Number	orb1983762
Category	Proteins
Description	The Quinupristin-Dalfopristin Complex is a synergistic combination of two streptogramin antibiotics, type A (dalfopristin) and type B (quinupristin). This research compound is used in vitro to study mechanisms against Gram-positive bacteria and in vivo for investigating synergistic antibiotic efficacy in model systems.
Target	Others
MW	1905.3
Formula	$C_{34}H_{51}N_4O_9S[CH_3SO_3] \cdot C_{53}H_{68}N_9O_{10}S[CH_3SO_3]$
SMILES	<chem>O=C6C[C@@]5([H])C(=O)N[C@@]([H])(C1=CC=CC=C1)C(=O)O[C@@](C)([H])[C@@]([H])(NC(=O)C=2N=CC=CC=2O)C(=O)N[C@]([H])(CC)C(=O)N3CCC[C@@]3([H])C(=O)N(C)[C@@]([H])(C/C4=C/C=C(C=C4)N(C)C)C(=O)N5C[C@@]6([H])C[S][C@]7([H])C[N+]8CC[C@]7([H])CC8.C[S]([O-])(=O)=O.O=C2C=C[C@](C)([H])[C@]([H])(OC(=O)[C@]1([H])N(CC[C@@]1([H])[S](=O)(=O)CC[N+](CC)CC)C(=O)C3=COC(CC(=O)C[C@@](O)([H])C=C(C)C=CCN2)=N3)C(C)(C)[H].C[S]([O-])(=O)=O</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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